

Converting Colors

XYZ(72.6955, 62.8552, 78.1288)

Have a look what the booklet for
XYZ(72.6955, 62.8552, 78.1288)
contains.

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Color

**XYZ(72.7569, 62.9829,
78.1342)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBDDF
RGB	255, 189, 223
RGB Percent	100%, 74%, 87%
CMY	0.0000, 0.2588, 0.1255
CMYK	0.00, 0.26, 0.13, 0.00
HSL	329°, 100%, 87%
HSV	329°, 26%, 100%
XYZ	72.7569, 62.9829, 78.1342
YIQ	212.6100, 28.4220, 24.5660

Conversions

Conversions Part 2

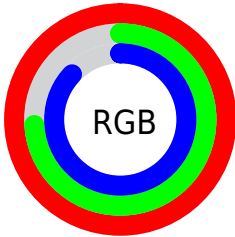
Format	Color
R _Y B	255, 189, 223
Decimal	16760287
CIE Lab	83.43, 28.79, -7.62
CIE LCh	83, 29.784, 345.177
Yxy	62.9829, 0.3402, 0.2945
Android (android.graphics.Color)	4294950367 (0xFFFFBDDF)
YUV	212.6100, 5.1223, 37.1760
Hunter-Lab	79.3618, 24.7613, -2.8197

Details

The XYZ color **72.7569, 62.9829, 78.1342** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.7995, 87.5603, 81.6320**, and the grayscale version is **62.9404, 66.2182, 72.1116**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **38.7578, 32.0254, 41.1846** is the 20% darker color. If you saturate the color by 10%, you get **66.1396, 52.3194, 68.0023**, and if you desaturate by 10%, it is **80.4631, 75.6290, 89.2314**.

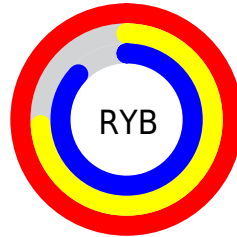
Distribution



Red (100%)

Green (74%)

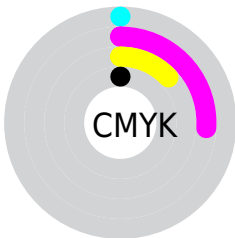
Blue (87%)



Red (100%)

Yellow (74%)

Blue (87%)

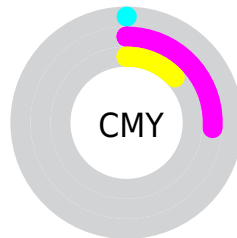


Cyan (0%)

Magenta (26%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (26%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.7569, 62.9829, 78.1342 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 72.7569, 62.9829, 78.1342 by changing the saturation by 10% instead.


 72.7569, 62.9829,
78.1342

 72.7569, 62.9829,
78.1342


459.2887,
435.5074, 508.1625

 54.0649, 45.8274,
57.6671

 122.1370,
109.1448, 132.5269

 38.8844, 32.1096,
41.1282

153.5558,
138.9200, 167.2896

 26.8501, 21.4452,
28.0988


189.9476,
173.6706, 207.6545

 17.5967, 13.4498,
18.1605

231.6778,
213.7809, 254.0403

 10.7588, 7.7390,
10.8946

279.1116,
259.6353, 306.8654

 5.9710, 3.9284,
5.8827

332.6144,

 2.8679, 1.6336,

311.6183, 366.5485

2.7063

392.5517,
370.1142, 433.5080

■ 1.0843, 0.3801,
0.9466

■ 0.0119, 0.0000,
0.0000

■ 72.7569, 62.9829,
78.1342

■ 72.7569, 62.9829,
78.1342

■ 66.1396, 52.3194,
68.0023

■ 80.4631, 75.6290,
89.2314

■ 60.5539, 43.5285,
58.8013

■ 89.3032, 90.3442,
101.3187

■ 55.9433, 36.5016,
50.5002

95.0500, 100.0000,
108.9000

■ 52.2443, 31.1156,
43.0640

■ 49.3848, 27.2313,
36.4546

■ 47.2811, 24.6861,
30.6294

■ 45.8301, 23.2786,
25.5386

■ 45.3610, 22.9084,
23.6307

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.1589, 62.9829, 96.9847



72.7569, 62.9829, 78.1342



72.7342, 62.9829, 59.6394

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7569, 62.9829, 78.1342



56.6551, 62.9829, 39.5426



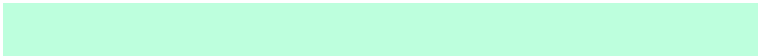
51.4898, 62.9829, 97.1816

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



72.7569, 62.9829, 78.1342



69.7995, 87.5603, 81.6320

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



48.6082, 62.9829, 78.3672



72.7569, 62.9829, 78.1342



51.4404, 62.9829, 46.3419

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



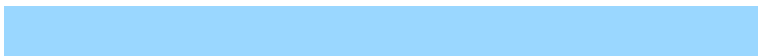
72.7569, 62.9829, 78.1342



63.1133, 62.9829, 39.5031



48.5909, 62.9829, 59.8340



56.7269, 62.9829, 109.2586

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.7569, 62.9829, 78.1342



70.6548, 62.9829, 49.9785



48.5909, 62.9829, 59.8340



50.2308, 62.9829, 91.2987

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



72.7583, 62.9855, 78.1355



87.3319, 87.0471, 98.6720



66.0382, 58.9747, 102.5104



18.4000, 18.1433, 20.7237



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.7583, 62.9855, 78.1355



69.2371, 57.2837, 72.8289



68.7447, 61.3801, 57.0002



18.4000, 18.1433, 20.7237



23.7779, 12.0005, 12.7469



2.3704, 1.1905, 1.5319

Inverse Universe

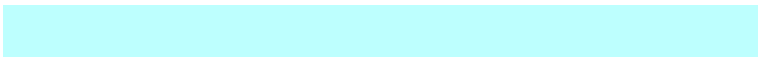
The Inverse Universe completely reimagines the original color for something new.



72.7583, 62.9855, 78.1355



69.2371, 57.2837, 72.8289



74.6211, 89.4889, 107.0222



18.4000, 18.1433, 20.7237



23.7779, 12.0005, 12.7469



2.3704, 1.1905, 1.5319

Previews

White Background



This preview shows how the XYZ color 72.7569, 62.9829, 78.1342 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 72.7569, 62.9829, 78.1342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.7569, 62.9829, 78.1342

Background



This preview shows how black text looks on a background with the XYZ color 72.7569, 62.9829, 78.1342.



This preview shows how white text looks on a background with the XYZ color 72.7569, 62.9829,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

72.7569, 62.9829, 78.1342

Protanopia

62.0659, 63.4035, 86.8088

Deuteranopia

64.6031, 63.1495, 77.1907



Tritanopia

70.6201, 63.0869, 67.4864

Trichromacy



Original Color

72.7569, 62.9829, 78.1342



Protanomaly

65.3686, 62.7097, 83.5218



Deuteranomaly

67.4120, 62.8686, 77.6891



Tritanomaly

71.5141, 63.1365, 71.3682

Monochromacy



Original Color

72.7569, 62.9829, 78.1342



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

66.1122, 64.6895, 74.6475

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7569, 62.9829, 78.1342 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 189, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 223)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 189, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 223) }
```

Border

The CSS property to change the border of an element to XYZ 72.7569, 62.9829, 78.1342 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 189, 223) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 189, 223) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 189, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7569, 62.9829, 78.1342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 223) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
189, 223) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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